Final Project Outline:

Topic: YouTube

Source: YouTube API

* (2018 movies) <https://www.imdb.com/search/title/?year=2018&title_type=feature&sort=boxoffice_gross_us,desc>
* (Youtube Channel w/ Trailers) <https://www.youtube.com/user/movieclipsTRAILERS/videos>

Objective: Predict the box-office success of a movie based on YouTube likes/views on their Theatrical Trailer.

Endpoint:

* (1a - Flask Webapp) If unable, set up static dataset to visualize recommendation dataset based on “YouTube trends”
  + (1b) Flask app/ HTML/CSS webapp user searchable models to generate trends based on movie trailers on YouTube.
* (2 - Tableau) Dashboard that shows predictability/trends within dataset for YouTube trends

#TODO Milestones:

* 24th
  + [x] Choose Dataset
  + [x] Setup GitHub
  + [x] Milestone Outline
  + [] Sci-kit Learn and/or other machine learning library
  + [x] Choose (2) mechanics for project (see pdf)
    - Tableau
    - Flask
    - Pandas
    - HTML/CSS
* 27th
  + [] Implement rough draft of (2) mechanics
    - [] 1
    - [] 2
  + [] Perform data scrape, construct 2 dataframes
    - [] Youtube Trailer Likes
    - [] 2018 Movies
  + [] Clean dataset for implementation
* 29th
  + [] Assemble Tableau Dashboard
* 31st
  + [] Construct presentation
    - Tableau Dashboard
    - Dataset
  + [] Finalize CSS design for webapp
* Final touches (3rd)
  + Presentation
  + Web app functionality